

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Gururaj M. Katti et al.

Title: OPTIMIZING CRITICAL SECTION MICROBLOCKS BY CONTROLLING THREAD EXECUTION

Docket No.: Intel-005PUS

Serial No.: 10/662242

Filed: September 15, 2003

Due Date: N/A

Examiner: Unknown

Group Art Unit: 2183

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

We are transmitting herewith the following attached items (as indicated with an "X"):

- ☒ A return postcard.
- ☒ An Information Disclosure Statement (2 pgs.), Form 1449 (1 pg.). Documents NOT enclosed.

If not provided for in a separate paper filed herewith, Please consider this a **PETITION FOR EXTENSION OF TIME** for sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 50-0845.

Daly, Crowley & Mofford, LLP, c/o PortfolioIP  
P.O. Box 52050, Minneapolis, MN 55402 (781-401-9988)

By: Paul D Durkee  
Atty: Paul D Durkee  
Reg. No. 41,003

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 28<sup>th</sup> day of April, 2004.

Andrew J. Karl  
Name

Paul D Durkee  
Signature

S/N 10/662242



PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

|             |  |                 |              |
|-------------|--|-----------------|--------------|
| Applicant:  | Gururaj M. Katti et al.  | Examiner:       | Unknown      |
| Serial No.: | 10/662242  | Group Art Unit: | 2183         |
| Filed:      | September 15, 2003   | Docket:         | Intel-005PUS |
| Title:      | OPTIMIZING CRITICAL SECTION MICROBLOCKS BY CONTROLLING<br>THREAD EXECUTION |                 |              |

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**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. § 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 50-0845 in order to have this Information Disclosure Statement considered.

Applicant believes that the U.S. Patent & Trademark Office has waived the requirement under 37 C.F.R. 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication. The waiver is provided in a pre-OG notice from the U.S. Patent & Trademark Office entitled "Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications filed after June 30, 2003" and dated July 11, 2003. Applicant acknowledges the requirement to submit copies of foreign patent documents and non-patent literature in accordance with 37 C.F.R. 1.98(a)(2).

INFORMATION DISCLOSURE STATEMENT

Serial No :10/662242

Filing Date: September 15, 2003

Title: OPTIMIZING CRITICAL SECTION MICROBLOCKS BY CONTROLLING THREAD EXECUTION

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Dkt: P16867

The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

GURURAJ M. KATTI ET AL.

By their Representatives,  
Daly, Crowley & Mofford, LLP  
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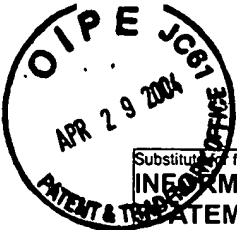
Date April 26, 2004

By Paul D. Durkee  
Paul D. Durkee  
Reg. No. 41,003

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Andrew J. Kaul  
Name

[Signature]  
Signature



Substitute form 1449A/PTO  
**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
(Use as many sheets as necessary)

Complete if Known

|                      |                    |
|----------------------|--------------------|
| Application Number   | 10/662242          |
| Filing Date          | September 15, 2003 |
| First Named Inventor | Katti, Gururaj     |
| Group Art Unit       | 2183               |
| Examiner Name        | Unknown            |

Sheet 1 of 1

Attorney Docket No: Intel-005PUS

**US PATENT DOCUMENTS**

| Examiner Initial * | USP Document Number | Publication Date | Name of Patentee or Applicant of cited Document | Class | Subclass | Filing Date If Appropriate |
|--------------------|---------------------|------------------|---|-------|----------|----------------------------|
|                    | US-2003/0231645     | 12/18/2003       | Chandra, Prashant R., et al.                    | 370   | 412      | 06/14/2002                 |
|                    | US-2004/0064580     | 04/01/2004       | Lim, Lee B., et al.                             | 709   | 238      | 09/30/2002                 |
|                    | US-6,625,654        | 09/23/2003       | Wolrich, Gilbert, et al.                        | 709   | 230      | 12/28/1999                 |
|                    | US-6,629,237        | 09/30/2003       | Wolrich, Gilbert, et al.                        | 712   | 228      | 01/12/2001                 |

**FOREIGN PATENT DOCUMENTS**

| Examiner Initials* | Foreign Document No | Publication Date | Name of Patentee or Applicant of cited Document | Class | Subclass | T <sup>2</sup> |
|--------------------|---------------------|------------------|---|-------|----------|----------------|
|--------------------|---------------------|------------------|---|-------|----------|----------------|

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

| Examiner Initials* | Cite No <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|--------------------|----------------------|---|----------------|
|--------------------|----------------------|---|----------------|

EXAMINER

DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached